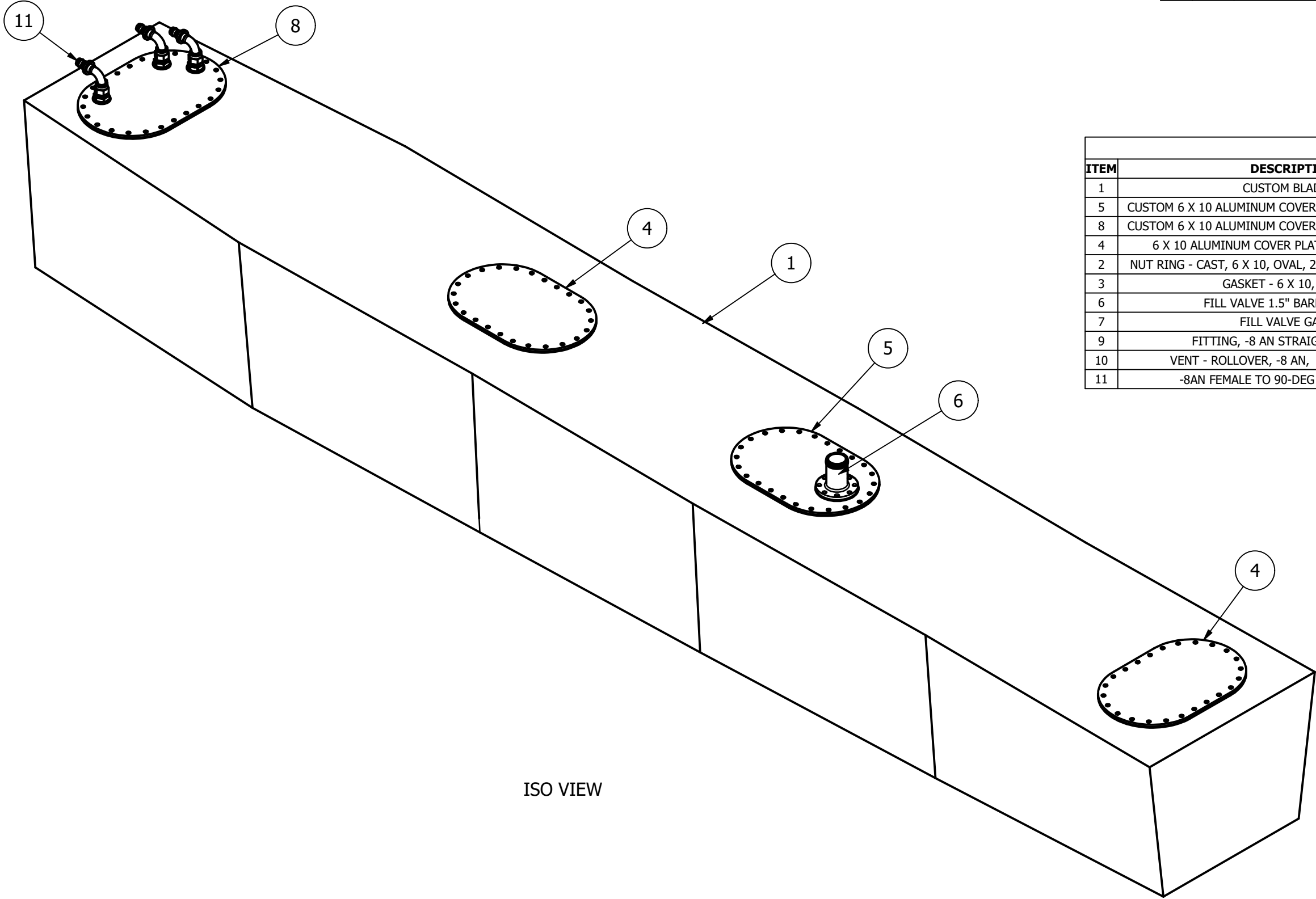


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| REVISION HISTORY |       |                 |         |       |          |
|------------------|-------|-----------------|---------|-------|----------|
| REV              | ECN # | DESCRIPTION     | DATE    | DRAWN | APPROVED |
| X2               | 1762  | INITIAL RELEASE | 1-16-19 | BR    |          |



| BILL OF MATERIALS |                                                         |              |             |        |     |
|-------------------|---------------------------------------------------------|--------------|-------------|--------|-----|
| ITEM              | DESCRIPTION                                             | MATERIAL     | PART NUMBER | PAGE # | QTY |
| 1                 | CUSTOM BLADDER                                          | PER ORDER    | C8240-1     | 1,2,3  | 1   |
| 5                 | CUSTOM 6 X 10 ALUMINUM COVER PLATE BLANK, 0.188 THK.    | 1MTL47       | C8240-2     | 1,4    | 1   |
| 8                 | CUSTOM 6 X 10 ALUMINUM COVER PLATE BLANK, 0.188 THK.    | 1MTL47       | C8240-3     | 1,5    | 1   |
| 4                 | 6 X 10 ALUMINUM COVER PLATE BLANK, 0.188 THK.           | 1MTL47       | 1PLA13      | 1      | 2   |
| 2                 | NUT RING - CAST, 6 X 10, OVAL, 24 BOLT, INSERTED 1/4-28 | ALUMINUM     | NR06X10-I   | -      | 4   |
| 3                 | GASKET - 6 X 10, 24 BOLT                                | CORK         | 1GAS97      | -      | 4   |
| 6                 | FILL VALVE 1.5" BARB DIAMETER                           | PER ASSEMBLY | ITVV150     | 1      | 1   |
| 7                 | FILL VALVE GASKET                                       | CORK         | 1GAS108     | -      | 1   |
| 9                 | FITTING, -8 AN STRAIGHT ASSEMBLY                        | PER ASSEMBLY | BHF00-8     | 1      | 2   |
| 10                | VENT - ROLLOVER, -8 AN, ITVV08 ASSEMBLY                 | PER ASSEMBLY | ITVV08      | 1      | 1   |
| 11                | -8AN FEMALE TO 90-DEG 1/2" HOSE BARB                    | ALUMINUM     | HF90-8      | 1,2    | 3   |

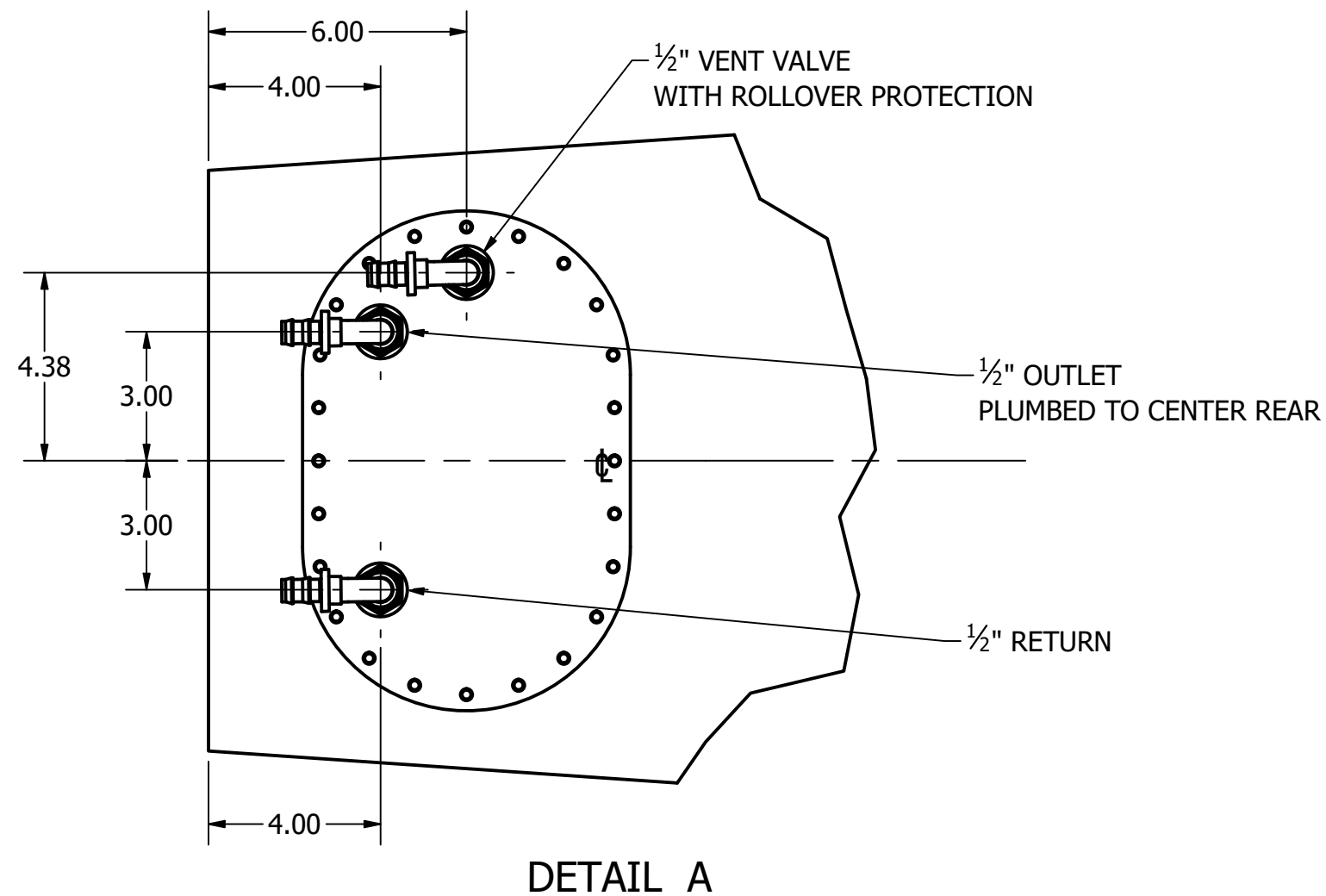
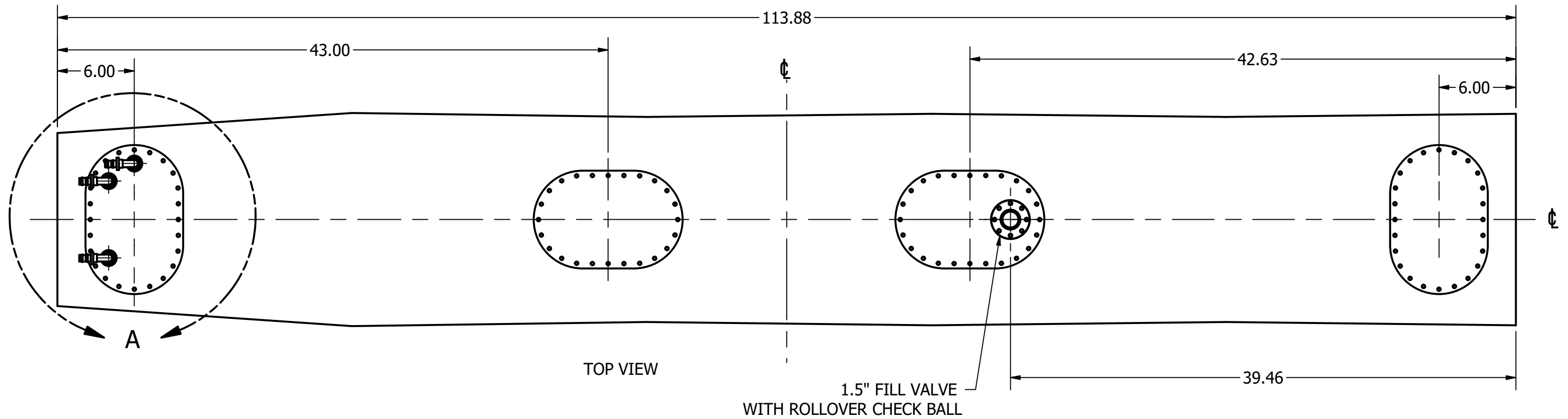
ISO VIEW

FRONT

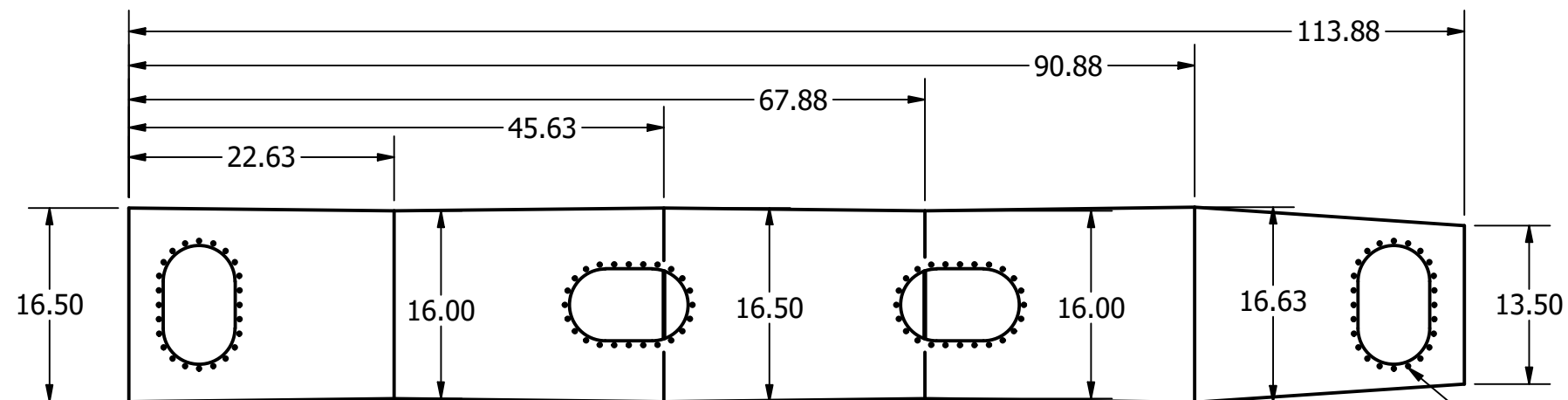
DO NOT USE UNLESS APPROVED \_\_\_\_\_

Fuel Safe / Aircraft Rubber Mfg. request that you review and approve this drawing in order to ensure your fuel cell meets all mutually agreed upon specifications. Your approval is required in order to proceed with your order. Please note that if you request additional changes after approving this drawing, you will incur additional engineering and design charges based on the requested changes.

|              |                                                                                                                                                                                   |         |                                                                                                                                                                                          |  |                       |
|--------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|-----------------------|
| PART NUMBER: | TOLERANCES<br>(EXCEPT AS NOTED)<br><br>CAN: ± 0.125<br>BLADDER: +0.125/-0.250<br>BOLT HOLES: ±0.010<br>ANGLES: ±1°<br><br>MACHINING:<br>.X ± 0.050<br>.XX ± 0.015<br>.XXX ± 0.005 |         | AIRCRAFT RUBBER MANUFACTURING, INC.<br>dba FUEL SAFE SYSTEMS<br><br>1550 NE KINGWOOD AVE, REDMOND, OR 97756<br>PHONE: (541)923-6005 FAX: (541)923-6015<br>WWW.FUELSAFE.COM (800)433-6524 |  |                       |
|              |                                                                                                                                                                                   |         | TITLE<br><br>RON BURNS -- CUSTOM MARINE BLADDER                                                                                                                                          |  |                       |
|              | DRAWN                                                                                                                                                                             | CHECKED | SHEET<br>SIZE<br>B                                                                                                                                                                       |  | DWG. NO.<br><br>C8240 |
|              | BR                                                                                                                                                                                | XXX     | 1/16/2019                                                                                                                                                                                |  | REV<br>X2             |
|              |                                                                                                                                                                                   |         | UNLESS OTHERWISE NOTED<br>X.XXX = DIMENSIONS IN DECIMAL INCHES<br>[X.X] = DIMENSIONS IN MILLIMETER                                                                                       |  | PAGE 1 OF 6           |

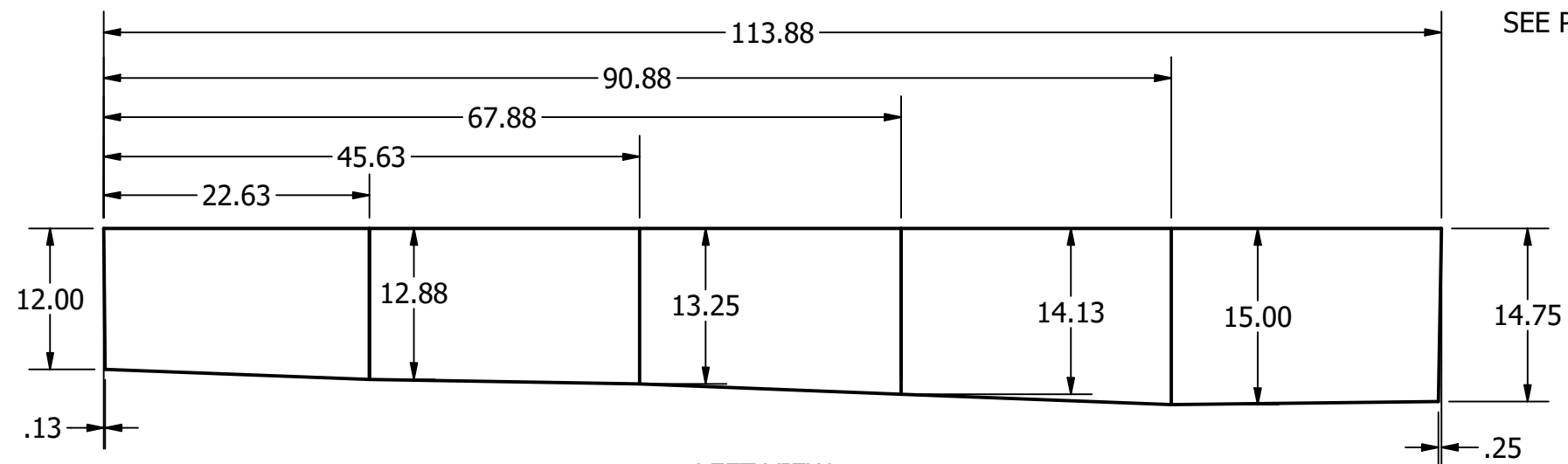


|              |                                                                                                                |                |                                                                                                                                                                                      |                                 |
|--------------|----------------------------------------------------------------------------------------------------------------|----------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------|
| PART NUMBER: | TOLERANCES<br>(EXCEPT AS NOTED)<br>CAN: ± 0.125<br>BLADDER: +0.125/-0.250<br>BOLT HOLES: ±0.010<br>ANGLES: ±1° |                | AIRCRAFT RUBBER MANUFACTURING, INC.<br>dba FUEL SAFE SYSTEMS<br>1550 NE KINGWOOD AVE, REDMOND, OR 97756<br>PHONE: (541)923-6005 FAX: (541)923-6015<br>WWW.FUELSAFE.COM (800)433-6524 |                                 |
|              | MACHINING:<br>.X ± 0.050<br>.XX ± 0.015<br>.XXX ± 0.005                                                        |                | TITLE<br><b>RON BURNS -- CUSTOM MARINE BLADDER</b>                                                                                                                                   |                                 |
|              | DRAWN<br>BR                                                                                                    | CHECKED<br>XXX | SHEET<br>SIZE<br>B                                                                                                                                                                   | DWG. NO.<br><b>C8240</b>        |
|              | 1/16/2019                                                                                                      |                | UNLESS OTHERWISE NOTED<br>X.XXX = DIMENSIONS IN DECIMAL INCHES<br>[X.X] = DIMENSIONS IN MILLIMETER                                                                                   | REV<br><b>X2</b><br>PAGE 2 OF 6 |

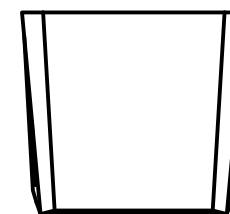


TOP VIEW

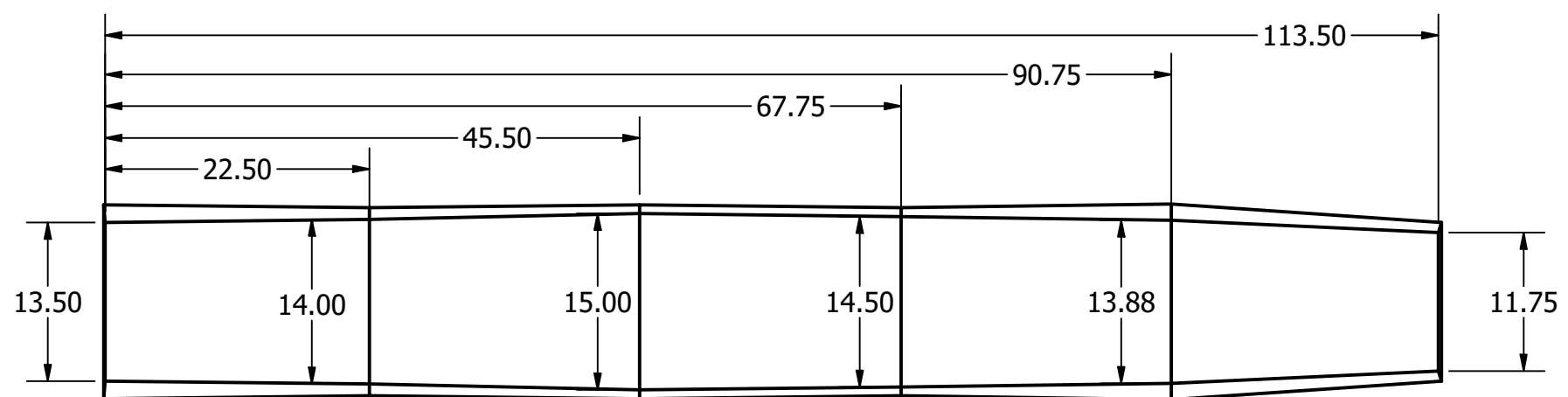
STANDARD 6X10 HOLE PATTERN  
TYPICAL 4 PLACES  
SEE PAGE 2 FOR LOCATIONS



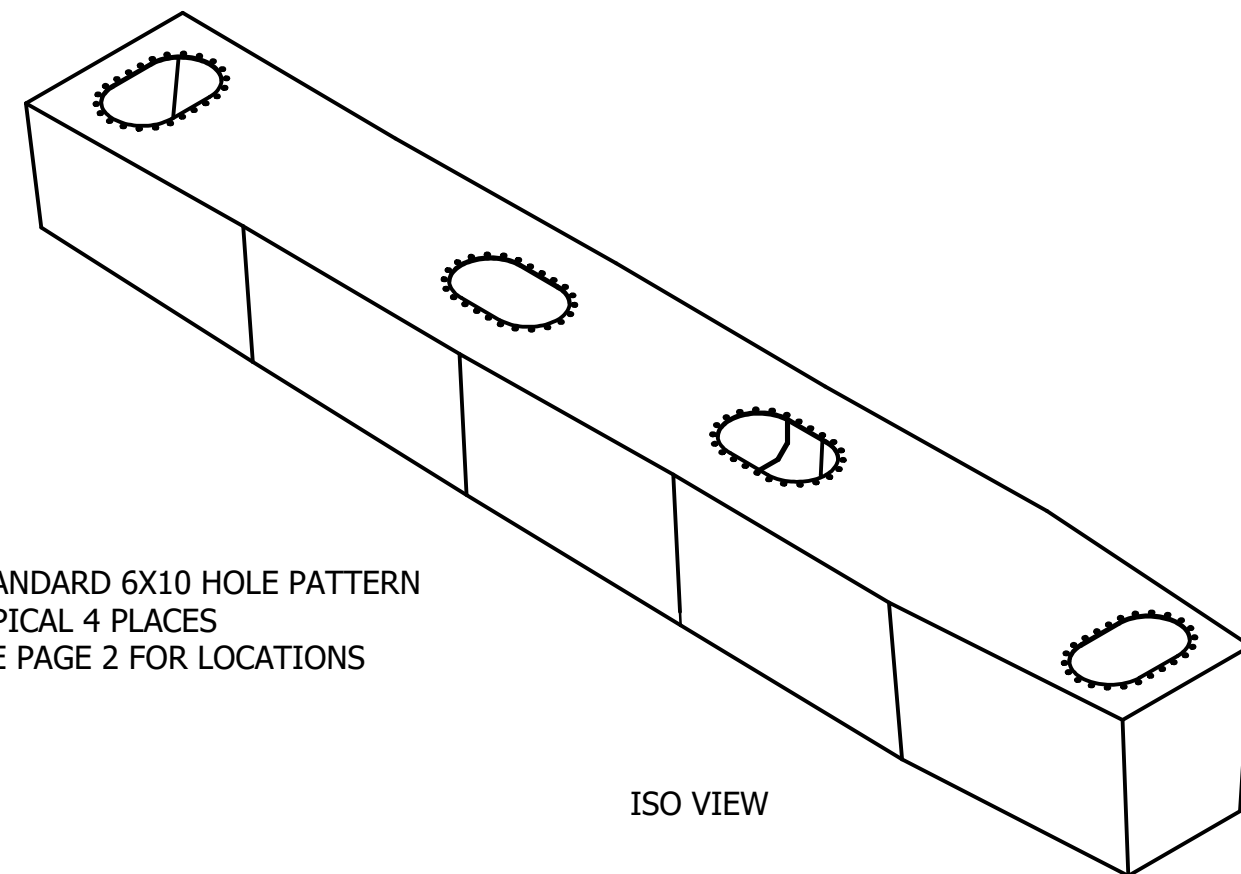
LEFT VIEW



REAR VIEW



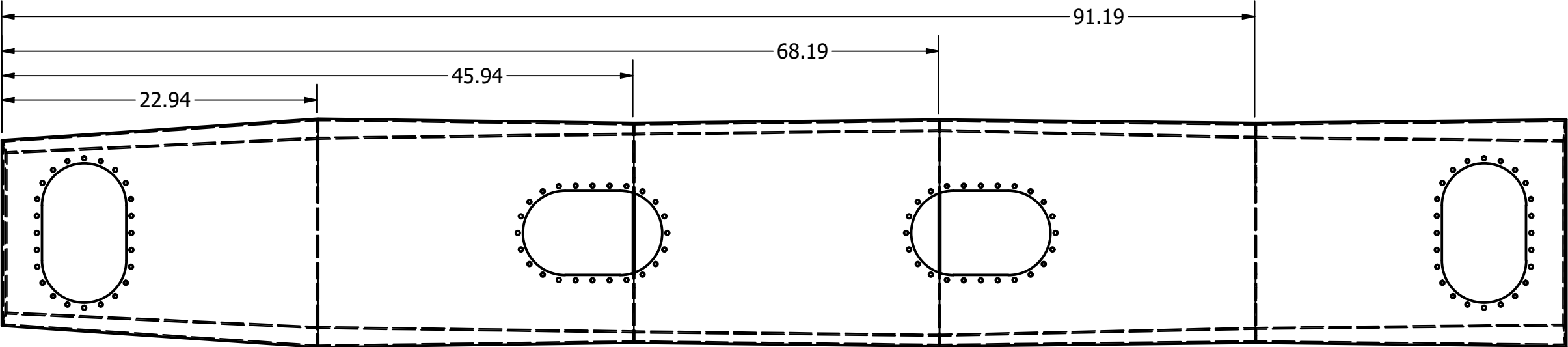
BOTTOM VIEW



ISO VIEW

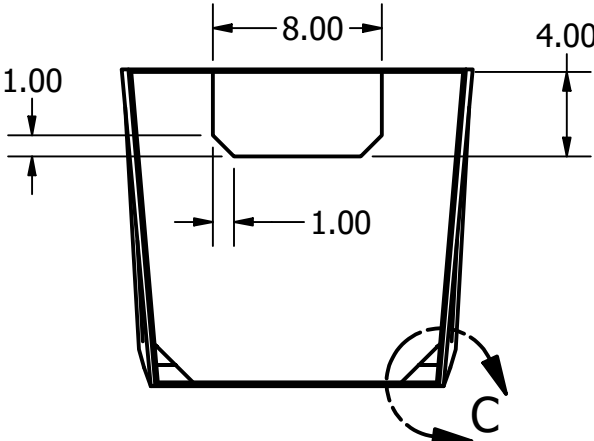
|              |                                                                             |                                                                                       |                                                                                                                                                                                          |                                                                                                    |             |
|--------------|-----------------------------------------------------------------------------|---------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------|-------------|
| PART NUMBER: | TOLERANCES<br>(EXCEPT AS NOTED)                                             |                                                                                       | AIRCRAFT RUBBER MANUFACTURING, INC.<br>dba FUEL SAFE SYSTEMS<br><br>1550 NE KINGWOOD AVE, REDMOND, OR 97756<br>PHONE: (541)923-6005 FAX: (541)923-6015<br>WWW.FUELSAFE.COM (800)433-6524 |                                                                                                    |             |
|              | CAN: ± 0.125<br>BLADDER: +0.125/-0.250<br>BOLT HOLES: ±0.010<br>ANGLES: ±1° |                                                                                       |                                                                                                                                                                                          |                                                                                                    |             |
|              | MACHINING:<br>.X ± 0.050<br>.XX ± 0.015<br>.XXX ± 0.005                     |                                                                                       | TITLE                                                                                                                                                                                    |                                                                                                    |             |
|              |                                                                             |                                                                                       | RON BURNS -- CUSTOM MARINE BLADDER                                                                                                                                                       |                                                                                                    |             |
|              | DRAWN                                                                       | CHECKED                                                                               | SHEET<br>SIZE<br>B                                                                                                                                                                       | DWG. NO.                                                                                           | C8240       |
| BR           | XXX                                                                         |  |                                                                                                                                                                                          | UNLESS OTHERWISE NOTED<br>X.XXX = DIMENSIONS IN DECIMAL INCHES<br>[X.X] = DIMENSIONS IN MILLIMETER |             |
| 1/16/2019    |                                                                             |                                                                                       |                                                                                                                                                                                          |                                                                                                    | PAGE 3 OF 6 |

BAFFLE WALL DETAIL

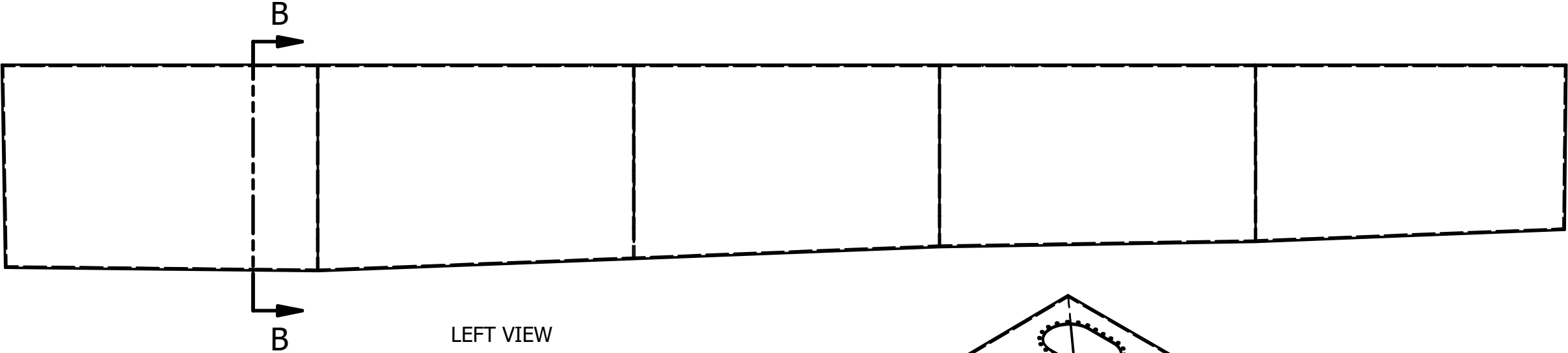


REAR

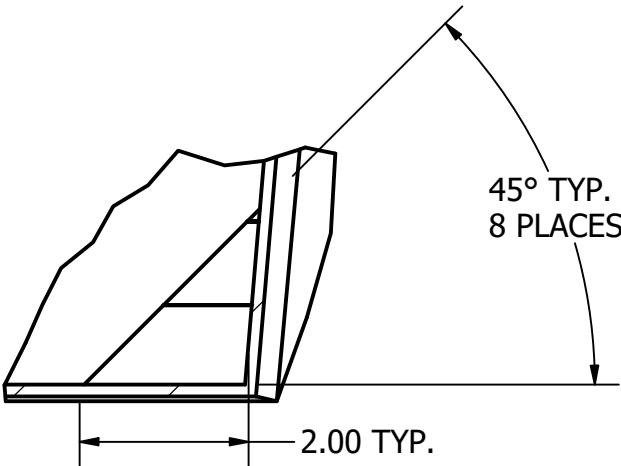
ALL BAFFLES HAVE SAME  
CUTOUT GEOMETRY



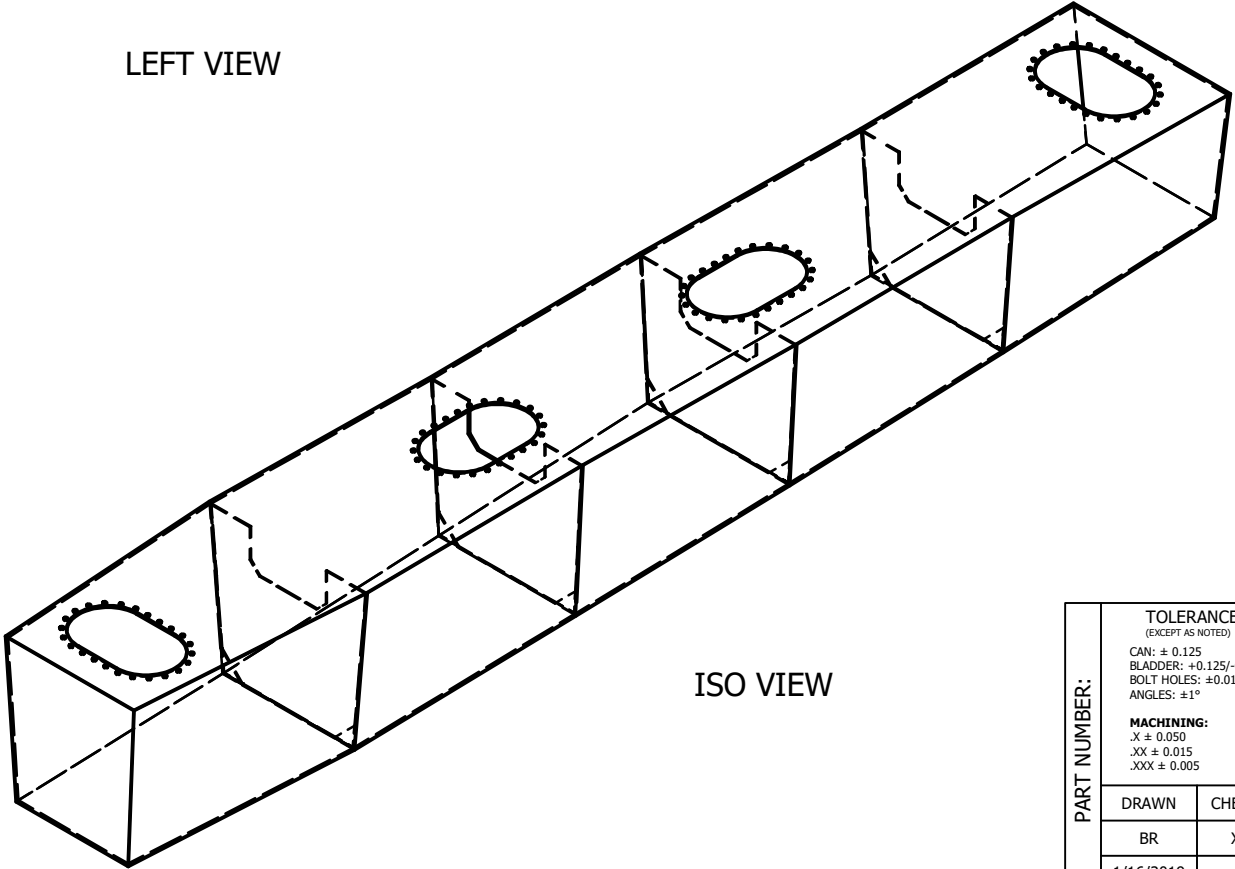
SECTION B-B



LEFT VIEW

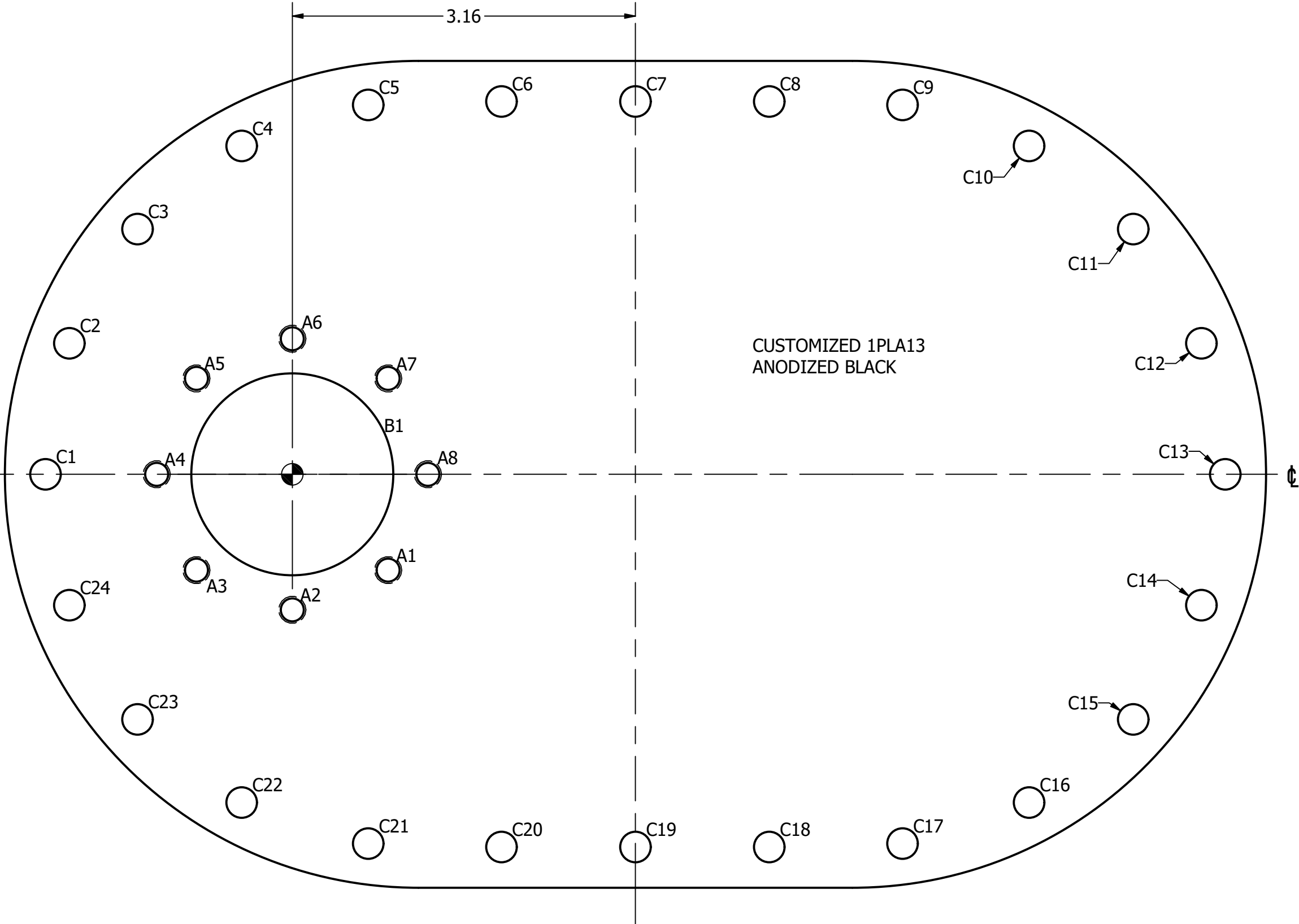


DETAIL C



ISO VIEW

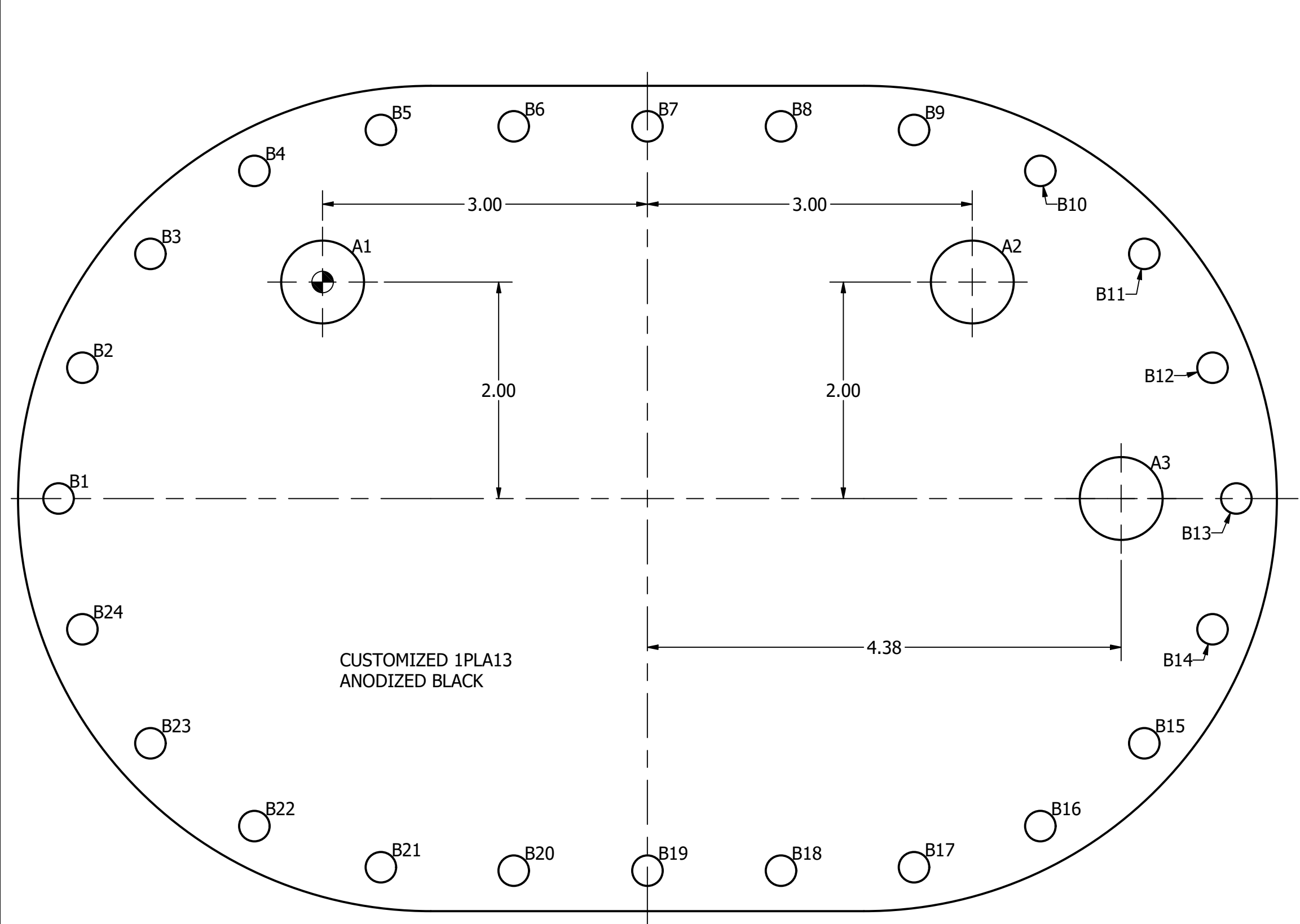
|              |                                                                                                                |                |                                                                                                                                                                                      |                   |
|--------------|----------------------------------------------------------------------------------------------------------------|----------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|
| PART NUMBER: | TOLERANCES<br>(EXCEPT AS NOTED)<br>CAN: ± 0.125<br>BLADDER: +0.125/-0.250<br>BOLT HOLES: ±0.010<br>ANGLES: ±1° |                | AIRCRAFT RUBBER MANUFACTURING, INC.<br>dba FUEL SAFE SYSTEMS<br>1550 NE KINGWOOD AVE, REDMOND, OR 97756<br>PHONE: (541)923-6005 FAX: (541)923-6015<br>WWW.FUELSAFE.COM (800)433-6524 |                   |
|              | MACHINING:<br>.X ± 0.050<br>.XX ± 0.015<br>.XXX ± 0.005                                                        |                | TITLE<br>RON BURNS -- CUSTOM MARINE BLADDER                                                                                                                                          |                   |
|              | DRAWN<br>BR                                                                                                    | CHECKED<br>XXX | SHEET<br>SIZE<br>B                                                                                                                                                                   | DWG. NO.<br>C8240 |
|              | 1/16/2019                                                                                                      |                | UNLESS OTHERWISE NOTED<br>X.XXX = DIMENSIONS IN DECIMAL INCHES<br>[X.X] = DIMENSIONS IN MILLIMETER                                                                                   | REV<br>X2         |



TOP VIEW

| HOLE TABLE |       |       |                       |
|------------|-------|-------|-----------------------|
| HOLE       | XDIM  | YDIM  | DESCRIPTION           |
| A1         | .88   | -.88  | 1/4-28 UNF - 2B ▽ .50 |
| A2         | .00   | -1.25 | 1/4-28 UNF - 2B ▽ .50 |
| A3         | -.88  | -.88  | 1/4-28 UNF - 2B ▽ .50 |
| A4         | -1.25 | .00   | 1/4-28 UNF - 2B ▽ .50 |
| A5         | -.88  | .88   | 1/4-28 UNF - 2B ▽ .50 |
| A6         | .00   | 1.25  | 1/4-28 UNF - 2B ▽ .50 |
| A7         | .88   | .88   | 1/4-28 UNF - 2B ▽ .50 |
| A8         | 1.25  | .00   | 1/4-28 UNF - 2B ▽ .50 |
| B1         | .00   | .00   | Ø1.86 THRU            |
| C1         | -2.28 | .00   | Ø.28 ▽ .19            |
| C2         | -2.06 | 1.21  | Ø.28 ▽ .19            |
| C3         | -1.43 | 2.26  | Ø.28 ▽ .19            |
| C4         | -.47  | 3.03  | Ø.28 ▽ .19            |
| C5         | .70   | 3.41  | Ø.28 ▽ .19            |
| C6         | 1.93  | 3.44  | Ø.28 ▽ .19            |
| C7         | 3.16  | 3.44  | Ø.28 ▽ .19            |
| C8         | 4.40  | 3.44  | Ø.28 ▽ .19            |
| C9         | 5.62  | 3.41  | Ø.28 ▽ .19            |
| C10        | 6.79  | 3.03  | Ø.28 ▽ .19            |
| C11        | 7.75  | 2.26  | Ø.28 ▽ .19            |
| C12        | 8.38  | 1.21  | Ø.28 ▽ .19            |
| C13        | 8.60  | .00   | Ø.28 ▽ .19            |
| C14        | 8.38  | -1.21 | Ø.28 ▽ .19            |
| C15        | 7.75  | -2.26 | Ø.28 ▽ .19            |
| C16        | 6.79  | -3.03 | Ø.28 ▽ .19            |
| C17        | 5.62  | -3.41 | Ø.28 ▽ .19            |
| C18        | 4.40  | -3.44 | Ø.28 ▽ .19            |
| C19        | 3.16  | -3.44 | Ø.28 ▽ .19            |
| C20        | 1.93  | -3.44 | Ø.28 ▽ .19            |
| C21        | .70   | -3.41 | Ø.28 ▽ .19            |
| C22        | -.47  | -3.03 | Ø.28 ▽ .19            |
| C23        | -1.43 | -2.26 | Ø.28 ▽ .19            |
| C24        | -2.06 | -1.21 | Ø.28 ▽ .19            |

|              |                                                                                                                                                                                   |         |                                                                                                                                                                                          |          |             |
|--------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|-------------|
| PART NUMBER: | TOLERANCES<br>(EXCEPT AS NOTED)<br><br>CAN: ± 0.125<br>BLADDER: +0.125/-0.250<br>BOLT HOLES: ±0.010<br>ANGLES: ±1°<br><br>MACHINING:<br>.X ± 0.050<br>.XX ± 0.015<br>.XXX ± 0.005 |         | AIRCRAFT RUBBER MANUFACTURING, INC.<br>dba FUEL SAFE SYSTEMS<br><br>1550 NE KINGWOOD AVE, REDMOND, OR 97756<br>PHONE: (541)923-6005 FAX: (541)923-6015<br>WWW.FUELSAFE.COM (800)433-6524 |          |             |
|              |                                                                                                                                                                                   |         |                                                                                                                                                                                          |          |             |
|              | DRAWN                                                                                                                                                                             | CHECKED | SHEET SIZE                                                                                                                                                                               | DWG. NO. | REV         |
|              | BR                                                                                                                                                                                | XXX     | B                                                                                                                                                                                        | C8240    | X2          |
| 1/16/2019    |                                                                                                                                                                                   |         | UNLESS OTHERWISE NOTED<br>X.XXX = DIMENSIONS IN DECIMAL INCHES<br>[X.X] = DIMENSIONS IN MILLIMETER                                                                                       |          | PAGE 5 OF 6 |



TOP VIEW

| HOLE TABLE |       |       |             |
|------------|-------|-------|-------------|
| HOLE       | XDIM  | YDIM  | DESCRIPTION |
| A1         | .00   | .00   | Ø.77 THRU   |
| A2         | 6.00  | .00   | Ø.77 THRU   |
| A3         | 7.38  | -2.00 | Ø.77 THRU   |
| B1         | -2.44 | -2.00 | Ø.28 ▽ .19  |
| B2         | -2.22 | -.79  | Ø.28 ▽ .19  |
| B3         | -1.59 | .26   | Ø.28 ▽ .19  |
| B4         | -.63  | 1.03  | Ø.28 ▽ .19  |
| B5         | .54   | 1.41  | Ø.28 ▽ .19  |
| B6         | 1.77  | 1.44  | Ø.28 ▽ .19  |
| B7         | 3.00  | 1.44  | Ø.28 ▽ .19  |
| B8         | 4.23  | 1.44  | Ø.28 ▽ .19  |
| B9         | 5.46  | 1.41  | Ø.28 ▽ .19  |
| B10        | 6.63  | 1.03  | Ø.28 ▽ .19  |
| B11        | 7.59  | .26   | Ø.28 ▽ .19  |
| B12        | 8.22  | -.79  | Ø.28 ▽ .19  |
| B13        | 8.44  | -2.00 | Ø.28 ▽ .19  |
| B14        | 8.22  | -3.21 | Ø.28 ▽ .19  |
| B15        | 7.59  | -4.26 | Ø.28 ▽ .19  |
| B16        | 6.63  | -5.03 | Ø.28 ▽ .19  |
| B17        | 5.46  | -5.41 | Ø.28 ▽ .19  |
| B18        | 4.23  | -5.44 | Ø.28 ▽ .19  |
| B19        | 3.00  | -5.44 | Ø.28 ▽ .19  |
| B20        | 1.77  | -5.44 | Ø.28 ▽ .19  |
| B21        | .54   | -5.41 | Ø.28 ▽ .19  |
| B22        | -.63  | -5.03 | Ø.28 ▽ .19  |
| B23        | -1.59 | -4.26 | Ø.28 ▽ .19  |
| B24        | -2.22 | -3.21 | Ø.28 ▽ .19  |

PART NUMBER:

TOLERANCES  
(EXCEPT AS NOTED)  
CAN: ± 0.125  
BLADDER: +0.125/-0.250  
BOLT HOLES: ±0.010  
ANGLES: ±1°  
  
MACHINING:  
.X ± 0.050  
.XX ± 0.015  
.XXX ± 0.005

AIRCRAFT RUBBER MANUFACTURING, INC.  
dba FUEL SAFE SYSTEMS  
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PHONE: (541)923-6005 FAX: (541)923-6015  
WWW.FUELSAFE.COM (800)433-6524

TITLE  
RON BURNS -- CUSTOM MARINE BLADDER

DRAWN  
BR

CHECKED  
XXX

SHEET  
SIZE  
B

DWG. NO.  
C8240

REV  
X2

1/16/2019

UNLESS OTHERWISE NOTED  
X.XXX = DIMENSIONS IN DECIMAL INCHES  
[X.X] = DIMENSIONS IN MILLIMETER

PAGE 6 OF 6